



SRL 6067
PATENT

6067/1614

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Gary S. Jacob et al.

Serial No. 09/023401

Filed February 12, 1998

For USE OF N-SUBSTITUTED-1,5-DIDEOXY-1,5-IMINO-D-GLUCITOL
COMPOUNDS IN COMBINATION THERAPY FOR TREATING HEPATITIS
VIRUS INFECTIONS

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August 14, 1998

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS,

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LETTER TO THE PATENT AND TRADEMARK OFFICE AUG 24 1998

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP
609, and in compliance with the duty of disclosure set forth in
37 C.F.R. 1.56, applicants submit copies of the references
listed on the attached PTO Form 1449 (modified) for
consideration by the Patent and Trademark Office in the above-
entitled application and to be made of record herein.

Respectfully submitted,

Charles E. Cohen

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CERTIFICATE OF MAILING

I certify that this Letter to the Patent and
Trademark Office and attached PTO Form 1449 is being deposited
with the United States Postal Service as first class mail,
postage prepaid, in an envelope addressed to: Assistant
Commissioner for Patents, Washington, D.C. 20231 on this 14th
day of August 1998.

Laura E. Polk

Laura E. Polk

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
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APPLICANT
Jacob, et al.FILING DATE
February 12, 1998

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	4,639,436	01/27/87	Junge, et al.	514	24	08/23/78

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	2	WO95/19172	07/20/95	PCT				
	3	WO93/18763	09/30/93	PCT				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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6		Lu, et al., "Aberrant trafficking of hepatitis B virus glycoproteins in cells in which N-glycan processing is inhibited", Proc. Natl. Acad. Sci., 1997, Vol. 94, pp. 2380-2385
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19		Tan, et al., "Introduction of oxygen into the alkyl chain of N-decyl-dNM decreases lipophilicity and results in increased retention of glucose residues on N-linked oligosaccharides", Glycobiology, 1994, Vol. 4, No. 2, pp. 141-149
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21		Doong, et al., "Inhibition of the replication of hepatitis B virus in vitro by 2', 3'-dideoxy-3'-thiacytidine and related analogues", Proceedings of the National Academy of Sciences of the United States of America, 1991, 88(19), pp. 8495-8499 (abstract only)
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EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

